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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/602,953	06/24/2003	Naveed Mirza	CS21214RL	1085
20280	7590	07/26/2005	EXAMINER	
MOTOROLA INC 600 NORTH US HIGHWAY 45 ROOM AS437 LIBERTYVILLE, IL 60048-5343			NGUYEN, HUY D	
			ART UNIT	PAPER NUMBER
			2681	

DATE MAILED: 07/26/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/602,953

Applicant(s)

MIRZA ET AL.

Examiner

Huy D. Nguyen

Art Unit

2681

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 29 June 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-22 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-9, 11-17 and 19-22 is/are rejected.
- 7) ☒ Claim(s) 10 and 18 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Response to Arguments

1. Applicant's arguments with respect to claims 1-22 have been considered but are moot in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1-5, 9, 12-14, 17, 19, 21-22 are rejected under 35 U.S.C. 103(a) as being unpatentable over Constien (U.S. Patent No. 6,259,932) in view of Rydbeck et al. (U.S. Patent No. 6,751,487).

Regarding claims 1, 12-13, 19, 21-22, Constien teaches a mobile communication device, comprising: a housing having an exterior, the exterior including a first face side and a second face side (see figures 1 and 2), the second face side located on an opposite side of the housing from the first face side; a first display (e.g., display 4) disposed on the first face side; a numeric keypad (e.g., keypad 5) disposed on the first face side; a second display (e.g., display 13) disposed on the second face side. Constien does not teach a second keypad disposed on the second face side. Rydbeck et al. teaches that the keypad 25 can be integral to the display 15 as a touchscreen 25T (see figure 7A and column 5, lines 49-51). It would have been obvious to one having ordinary skill in the art, at the time of the invention to apply the teaching of Rydbeck et

Art Unit: 2681

al. to the teaching of Constien in order to configure pervasive computing devices such as smaller, miniaturized, or "pocket-sized" wireless telephones in a manner which allows for larger displays over conventional devices as taught by Rydbeck et al..

Regarding claims 2, 14, Constien teaches the mobile communication device according to claim 1, wherein the numeric keypad comprises a telephone keypad and text keypad comprises a QWERTY keypad (Figs 1-2).

Regarding claim 3, Constien teaches the mobile communication device according to claim 1, wherein the housing comprises a candy bar phone style housing (Figs 1-2).

Regarding claim 4, Constien teaches the mobile communication device according to claim 1, wherein the second display comprises a display configured to display at least one line of text (Fig. 2).

Regarding claim 5, Constien teaches the mobile communication device according to claim 1, further comprising a speaker disposed on the first face side, the speaker located on a first side of the first display, and a microphone disposed on the first face side, the microphone located on a second side of the first display (Fig. 1).

Regarding claims 9, 17, the combination of Constien and Rydbeck et al. teaches the mobile communication device according to claim 1, wherein the second display substantially surrounds the text keypad disposed on the second face side (see Rydbeck et al.: Fig. 7A).

Claims 6, 11, 15, 20 are rejected under 35 U.S.C. 103(a) as being unpatentable over Constien (U.S. Patent No. 6,259,932) in view of Rydbeck et al. (U.S. Patent No. 6,751,487) and in further view of Kenagy et al. (U.S. Patent No. 6,449,492).

Regarding claims 6, 11, 15, 20, the combination of Constien and Rydbeck et al. teaches the claimed invention except a controller configured to receive signals from the user interface and activate and deactivate the text keypad based on the signals received from the user interface. The preceding limitation is taught in Kenagy et al. (see column 4, lines 24-45). It would have been obvious to one having ordinary skill in the art, at the time of the invention to apply the teaching of Kenagy et al. to the combination of Constien and Rydbeck et al. in order to prevent inadvertant operation of a manual input device.

4. Claim 7 is rejected under 35 U.S.C. 103(a) as being unpatentable over Constien (U.S. Patent No. 6,259,932) in view of Rydbeck et al. (U.S. Patent No. 6,751,487) and in further view of Riddiford (U.S. Patent No. 6,587,675).

Regarding claim 7, the combination of Constien and Rydbeck et al. fails to teach the mobile communication device according to claim 1, wherein the text keypad is operated in a position orthogonal to a position of numeric keypad operation. However, the preceding limitation is taught in Riddiford (Figs. 1 & 2). Therefore, it would have been obvious to one of ordinary skill in the art, at the time of the invention, to modify the communication device of Constien and Rydbeck et al. with the teaching of Riddiford to provide more flexibility for users.

5. Claims 8, 16 are rejected under 35 U.S.C. 103(a) as being unpatentable over Constien (U.S. Patent No. 6,259,932) in view of Rydbeck et al. (U.S. Patent No. 6,751,487) and in further view of King et al. (US 2004/0067770 A1).

Art Unit: 2681

Regarding claims 8, 16, the combination of Constien and Rydbeck et al. fails to teach the mobile communication device according to claim 1, further comprising a third display disposed on the second face side, wherein the third display is configured to display at least one line of text. However, the preceding limitation is taught in King et al. (see paragraph [0104]). It would have been obvious to one having ordinary skill in the art, at the time of the invention to apply the teaching of King et al. to the combination of Constien and Rydbeck et al. in order to provide convenience for users.

Allowable Subject Matter

6. Claims 10 and 18 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Regarding claims 10 and 18, the cited prior arts fail to teach the mobile communication device according to claim 9, wherein the second display is configured to display scrolling text by scrolling the text around the text keypad disposed on the second face side.

Contact Information

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Huy D. Nguyen whose telephone number is 571-272-7845. The examiner can normally be reached on M-F.


Art Unit: 2681

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Joseph H. Feild can be reached on 571-272-4090. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Huy Nguyen



JOSEPH FEILD
SUPERVISORY PATENT EXAMINER